

REMARKS

Claims 9 and 11 Objections

In response to the above objections, Applicants have amended Claim 9. In amended claim 9, “for providing flexibility for the top portion” has been exchanged for “to facilitate assembling the sensor into the aperture”.

Claim 11 has been amended, and the objection to claim 11 is moot.

Claim Rejection under 35 U.S.C. 102

Claim 11 is rejected under 35 U.S.C. 102(b) as being anticipated by Fuchigami (US 5,470,247).

Claim 11 defines the slide member moving relative to the base along the horizontal direction. Differently, in Fuchigami the alleged slide member, i.e., the moveable contact (212) is moved in downward depression/deflection about a fulcrum point rather than a horizontal movement (column 10, lines 11-12, 29, 41, 58-58, and column 11, line 6). Understandably, in Fuchigami the downward depression of the moveable contact (212) is to provide an upward counter force against the alleged actuator 50, and a horizontal movement of the alleged slide member could NOT provide such a function *required by Fuchigami*.

Therefore, Fuchigami fails to disclose the slide member actuated by the actuator to move in a horizontal direction. Claim 11 is patentably distinguishable over Fuchigami, and is believed in condition for allowance.

Claim Rejections under 35 U.S.C. 103

Claims 7 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fuchigami (US 5,470,247).

In response to the above rejections, claims 7 and 10 have been amended. Applicants request reconsideration of rejection for the following reason:

Fuchigami does not teach or suggest any insulative base that defines a plurality of passageways in a middle portion thereof and any slider member that is moveably mounted onto the base and defines a plurality of holes corresponding to the passageways of the base.

New Claims 12 and 13 Patentable over Fuchigami

Applicants have added new claims 12 and 13.

New claim 12 is patentable over Fuchigami, since Fuchigami does not disclose any insulative base defined a plurality of passageways in a middle portion thereof.

New claim 13 is patentable since it directly depends from new claim 12.

The claims 8 and 9 have been kept unchanged for being allowable not only by reason of its dependency upon claim 7 but also their own allowabilities indicated by the Examiner.

In view of the above claim amendments and remarks, the subject application is believed to be in a condition for allowance and an action to such effect is earnestly solicited.

Respectfully submitted,

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